Stats Project Ideas

Prepare a presentation that shows examples of misleading charts and graphs. Provide guidelines on how a citizen/reader can be more informed – more “statistically literate” .

Teach someone how to play a “game of chance”. It will involve how to play; describe how to win. What is chance and what is skill? What are strategies to win? How do they use statistical/probability concepts? Include probability terms – odds, likelihood, random, variable.

Analyze the 3 news stories in terms of the statistics used in them. (Gene needs to review and approve the news articles.) Again, this will focus on terms and concept of statistical literacy/thinking.

Find some data on a topic of interest to YOU. Analyze it using descriptive statistics. Data should include correlation and/or prediction.

* Weather Prediction
* Global Warming
* Voting patterns over time
* Health data – longevity, causes of death for 15-30 year olds…
* Unemployment rates
* Sports data
* Cars